

For Research Use Only

BAF170 Recombinant antibody, PBS Only

Catalog Number: 86473-3-PBS



Basic Information

Catalog Number: 86473-3-PBS	GenBank Accession Number: BC013045	Purification Method: Protein A purification
Concentration: 1 mg/ml	GeneID (NCBI): 6601	CloneNo.: 251330D11
Source: Rabbit	UNIPROT ID: Q8TAQ2	
Isotype: IgG	Full Name: SWI/SNF related, matrix associated, actin dependent regulator of chromatin, subfamily c, member 2	
Immunogen Catalog Number: AG2634	Calculated MW: 1214 aa, 132 kDa	
	Observed MW: 170 kDa	

Applications

Tested Applications:
WB, Indirect ELISA

Species Specificity:
human, mouse, rat

Background Information

BAF170, also named as SWI/SNF complex 170 kDa subunit or SMARCC2, is a 1214 amino acid protein, which belongs to the SMARCC family. BAF170 is ubiquitously expressed. BAF170 is involved in transcriptional activation and repression of select genes by chromatin remodeling. BAF170 may be required for CoREST dependent repression of neuronal specific gene promoters in non-neuronal cells. BAF170 belongs to the neural progenitors-specific chromatin remodeling complex (npBAF complex) and the neuron-specific chromatin remodeling complex (nBAF complex). The calculated molecular weight of BAF170, is 133 kDa, but modified BAF170 is about 170 kDa. (PMID: 8804307)

Storage

Storage:
Store at -80°C.

The product is shipped with ice packs. Upon receipt, store it immediately at -80°C

Storage Buffer:
PBS only, pH7.3

For technical support and original validation data for this product please contact:

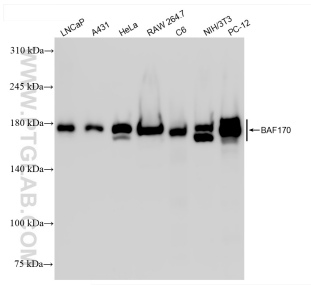
T: 4006900926

E: Proteintech-CN@ptglab.com

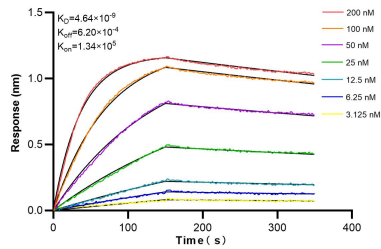
W: ptgcn.com

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Selected Validation Data



Various lysates were subjected to SDS PAGE followed by western blot with 86473-3-RR (BAF170 antibody) at dilution of 1:10000 incubated at room temperature for 1.5 hours. This data was developed using the same antibody clone with 86473-3-PBS in a different storage buffer formulation.



Biolayer interferometry (BLI) kinetic assays of 86473-3-RR against Human BAF170 were performed. The affinity constant is 4.64 nM.